

What is claimed is:

1 1. An active-matrix organic light emitting diode
2 display, comprising:

3 a rectangular pixel unit, having an indium tin oxide
4 region disposed therein having an opening
5 region disposed therein with rectangular shape.

1 2. The active-matrix organic light emitting diode
2 display as claimed in claim 1, wherein the rectangular
3 pixel unit further has a capacitor region, a first TFT
4 region and a second TFT region, wherein the capacitor
5 region, the first TFT region and the second TFT region
6 are arranged in a hoof shape.

1 3. The active-matrix organic light emitting diode
2 display as claimed in claim 1, wherein the rectangular
3 pixel unit further has a capacitor region, a first TFT
4 region and a second TFT region, wherein the capacitor
5 region, the first TFT region and the second TFT region
6 are arranged in an L shape.

1 4. The active-matrix organic light emitting diode
2 display as claimed in claim 1, wherein the indium tin
3 oxide region further has an isolation region enclosing
4 the opening region.

1 5. The active-matrix organic light emitting diode
2 display as claimed in claim 4, wherein the isolation
3 region comprises silicon nitride.

1 6. The active-matrix organic light emitting diode
2 display as claimed in claim 1, wherein the opening region
3 has an organic illuminating material layer and an indium
4 tin oxide layer contacted thereto.

1 7. The active-matrix organic light emitting diode
2 display as claimed in claim 6, wherein the rectangular
3 pixel unit further has a metal layer on the surface
4 thereof contacting the organic illuminating material
5 layer.

1 8. The active-matrix organic light emitting diode
2 display as claimed in claim 7, wherein the metal layer is
3 aluminum.